CLAIMS

1. An electrohydraulic brake release device (1), comprising:
an actuating cylinder arrangement (400), a tank module (300) for receiving a hydraulic medium, an electric drive unit (200) and a functional unit (100; 100') having a pump assembly (113),
wherein the pump assembly (113) is arranged in a recess (111) which is formed in the functional unit (100; 100') and which is in communication with the tank module (300), the pump assembly is functionally connected to the actuating cylinder arrangement (400) via a line arrangement (150, 160, 170, 171, 172, 180, 190) and is sealed off from a dry running drive motor (210, 211) of the electric drive unit (200) by means of a bearing carrier cover (115).

2. The brake release device (1) according to claim 1, wherein a shaft (205) driving the pump assembly (113) passes through the bearing carrier cover (115).

3. The brake release device (1) according to claim 2, wherein the bearing carrier cover (115) comprises a bearing arrangement (206) carrying the shaft (205).

4. The brake release device (1) according to claims 1, 2 or 3, wherein the functional unit (100) is formed as an integral functional block in which an actuating cylinder support (119) for receiving the actuating cylinder arrangement (400), the recess (111) and the line arrangement (150, 160, 170, 171, 172, 180, 190) are formed.

5. The brake release device (1) according to claim 4, in which the actuating cylinder arrangement (400) is detachably fixed in the actuating cylinder support (119) in force-fit fashion with a cylinder pipe (403).

6. The brake release device (1) according to claim 4 or 5, in which the functional unit (100) has two end faces (108, 106), wherein the tank module (300) and the actuating cylinder arrangement (400) are arranged on one end face (108) and the electric drive unit (200) and the pump assembly (113) are arranged on the other end face (106).

7. The brake release device (1) according to any of claims 1 to 6, in which an outlet of the pump assembly (113) is connected to the actuating cylinder arrangement (400) via a check valve (152) and to the tank module (300) via a connection (170, 171; 172) branching off between check

valve (152) and actuating cylinder arrangement (400) and at least one 2/2-way ~~value~~ valve (153; 154) opened without current.

8. The brake release device according to claim 7, in which first and second 2/2-way valves (153, 154) are provided and a throttle element (155') is provided between the actuating cylinder arrangement (400) and ~~between~~ the first and/or second 2/2-way valves.

9. The brake release device according to claim 8, wherein the throttle element (155') has an adjustable flow cross-section.

10. The brake release device (1) according to any of claims 7 to 9, in which the pump assembly (113) is connected to the tank module (300) via a channel (160) branching off between this pump assembly and the check valve (152) and a pressure limiting valve (151).

11. The brake release device (1) according to any of claims 7 to 10, in which a press key (156) is arranged in operative fashion between the check valve (152) and the actuating cylinder arrangement (400).

12. The brake release device (1) according to any of claims 7 to 11, wherein the check valve, 2/2-way valve, pressure limiting valve (151) and/or press key (156) are arranged in the tank module (300).

13. The brake release device (1) according to any of claims 7 to 12, in which control and/or supply lines of the press key and/or the 2/2-way valve are passed through the functional unit (100) into the tank module (300) via the electric drive unit (200) by means of a removable cable passage (191).

14. A brake arrangement (2, 3) having a brake release device (1) according to any of the preceding claims.